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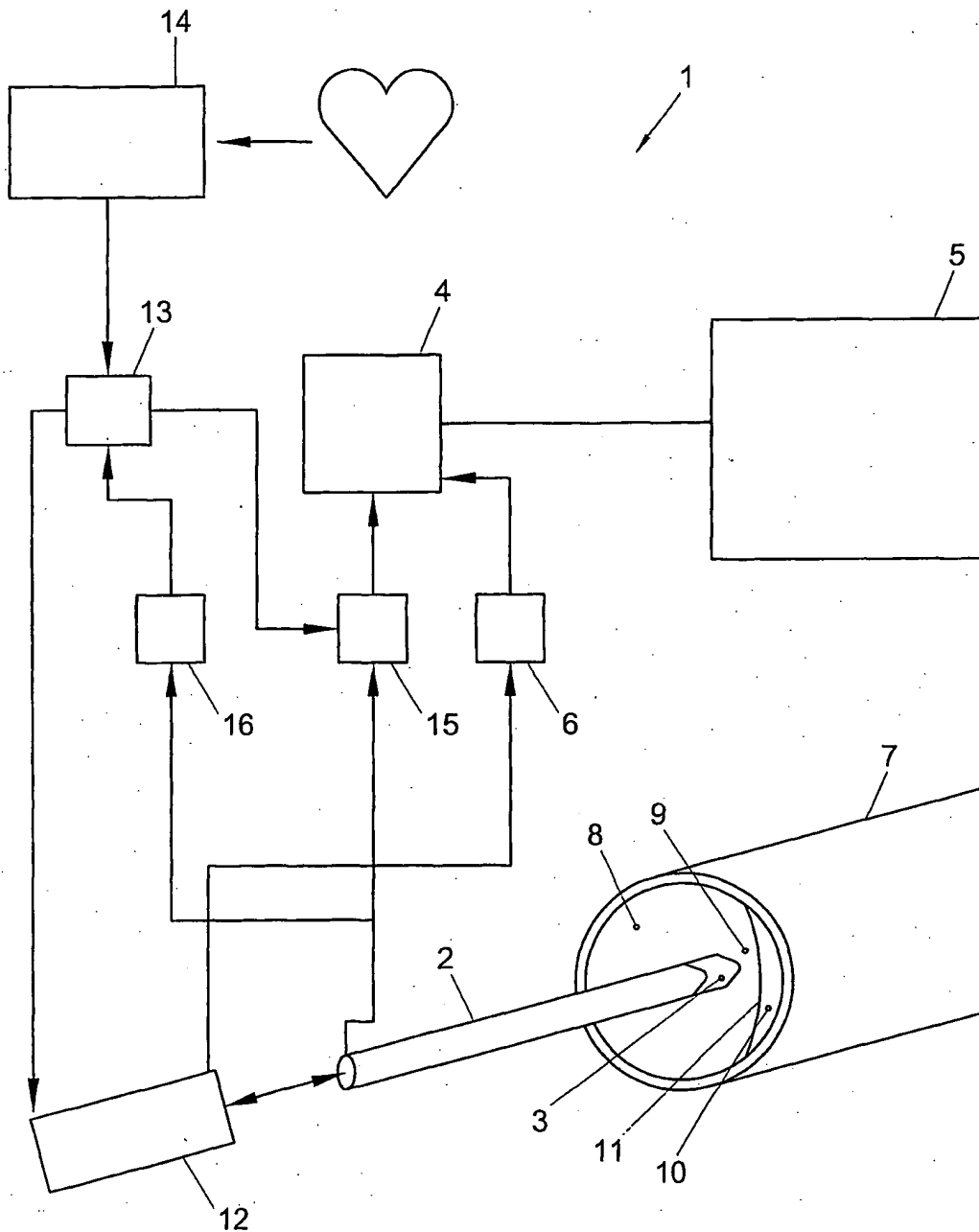


Fig. 1

- |                       |                           |
|-----------------------|---------------------------|
| 1. Apparatus          | 9. Plaque                 |
| 2. Catheter           | 10. Fat core              |
| 3. Sensor             | 11. Harder cap            |
| 4. Processor          | 12. Actuator              |
| 5. Display device     | 13. Activating            |
| 6. Position recording | 14. ECG device            |
| 7. Blood vessel       | 15. Data storage          |
| 8. Vessel wall        | 16. Correlation detection |

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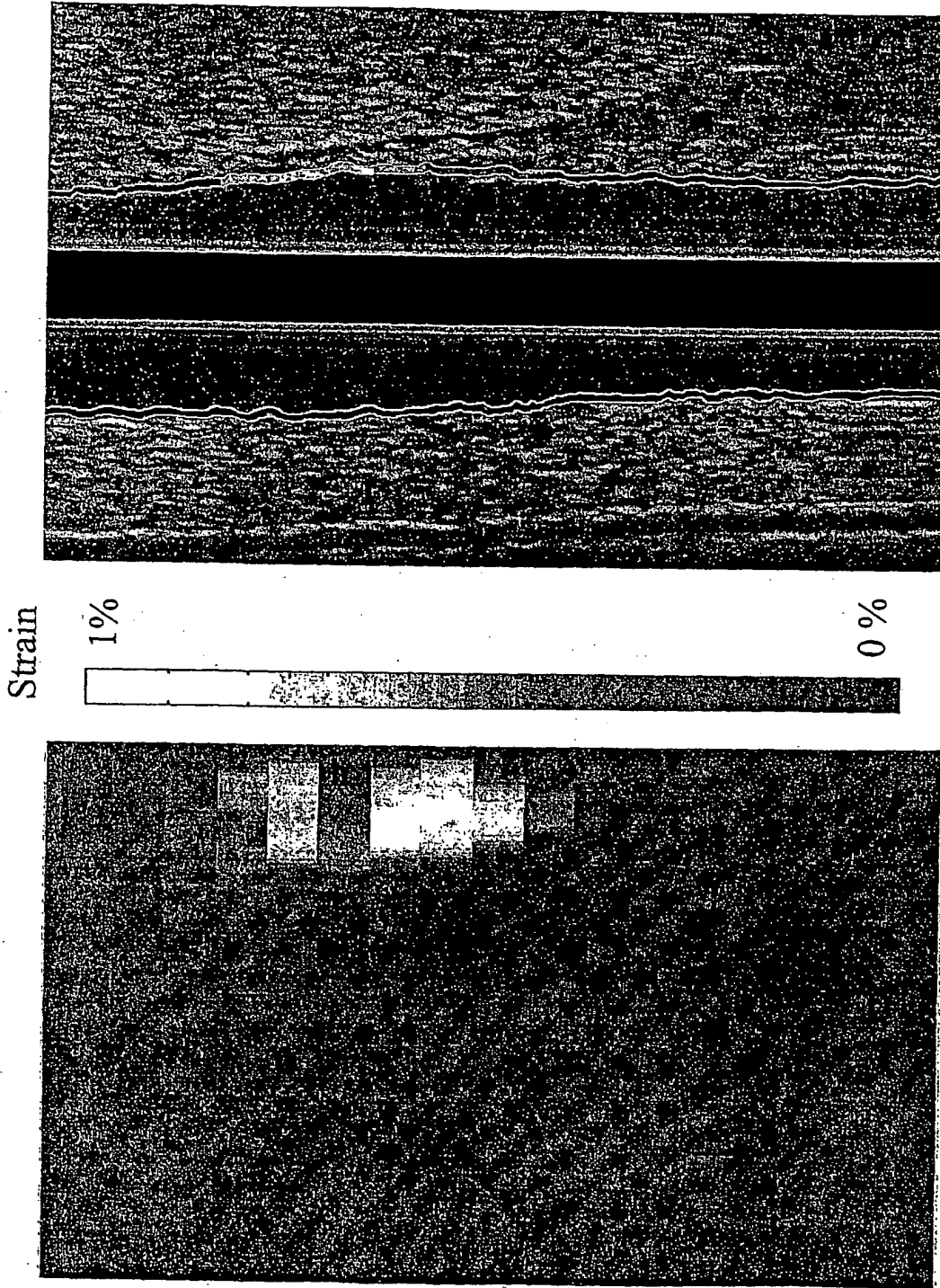
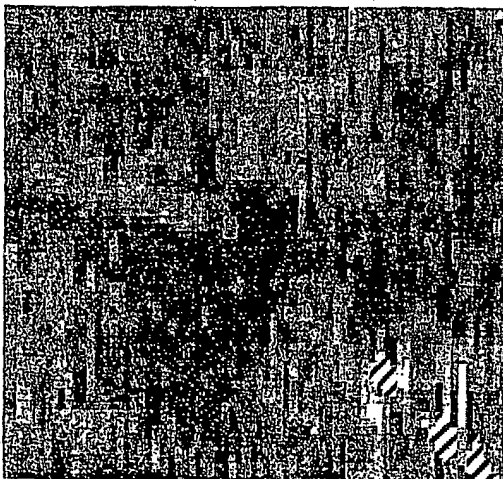
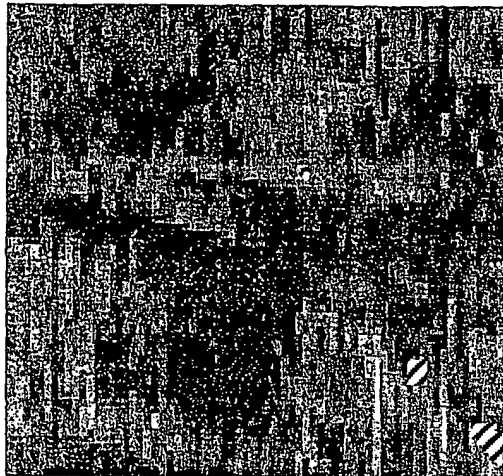


Fig. 2b

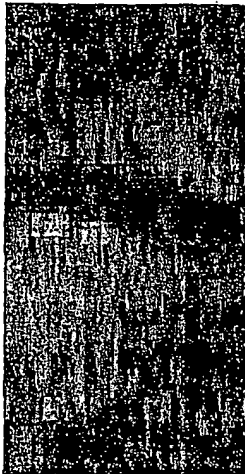
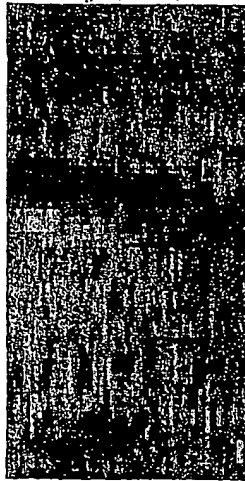
Fig. 2a

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1mm/s



0,5mm/s

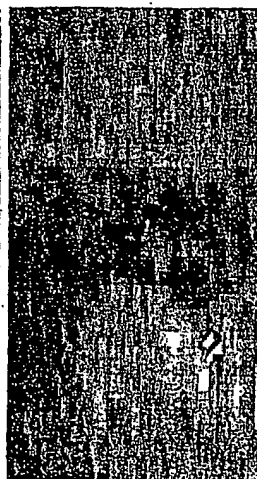


Fig. 3c

Fig. 3b

Fig. 3a

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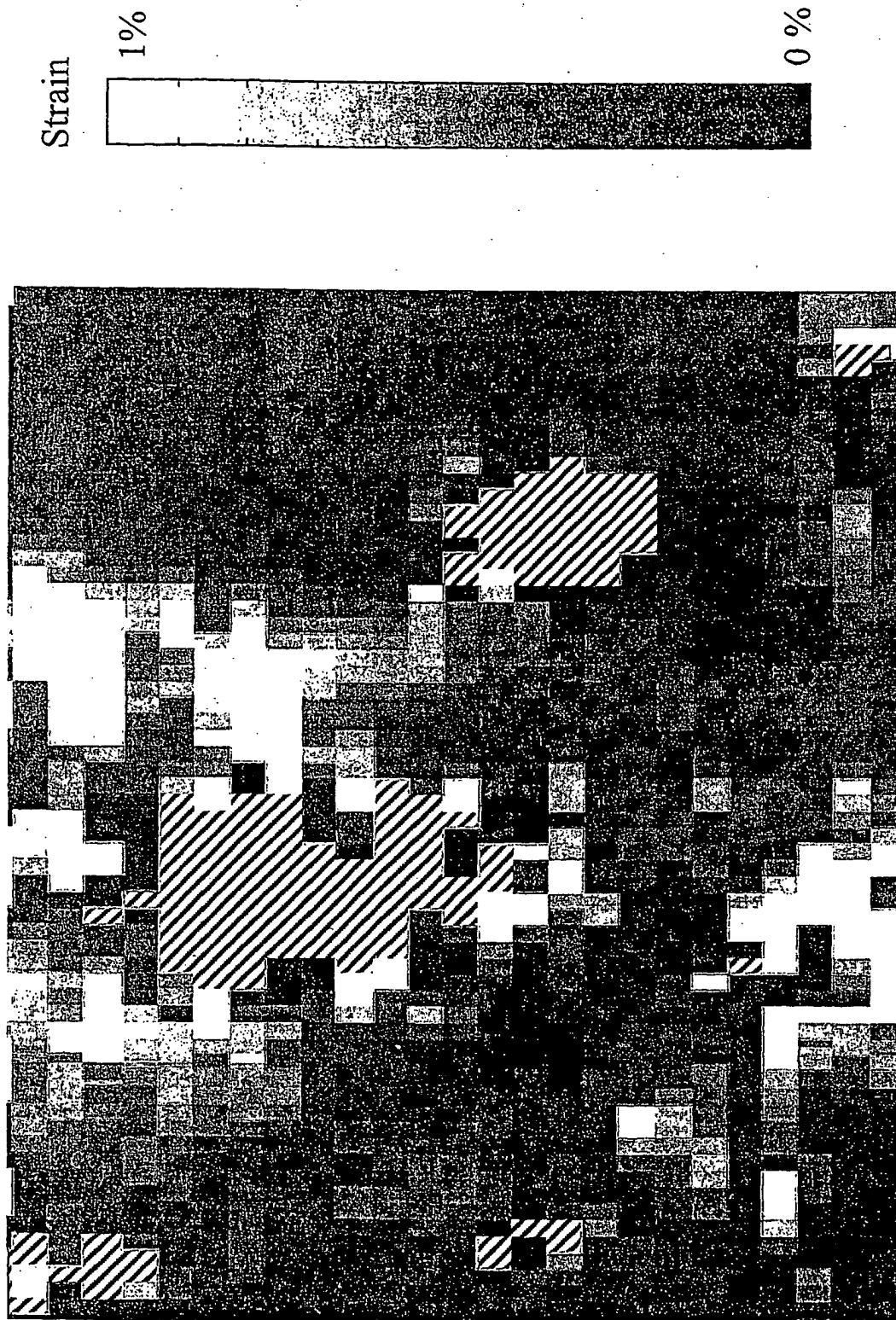


Fig. 4

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